work as per drawing, specification and codes. The contractor shall hand over test certificates for all items supplied by him to the owner for verification and approval.

W) All type of appurtenance for U/G tank, floating roof & shell. All types of paints and paintings system for A/G & U/G Tanks.

X) All materials, labour, equipment & accessories related to fire protection system for tanks.

3. MATERIAL OF CONSTRUCTION

1 Material of construction for Tank shall be as per data sheet & Technical specification enclosed with enquiry. Steel Plates should be tested for lamination or cracks as per ASTM A 370.

2. The Additional material requirements as indicated below shall be considered by Bidder.

3. All raw materials including bought-out items, whatsoever required, to complete the supplies shall be procured and supplied with due identifiable mill material test certificates & inspection reports.

4. All forgings including nozzle flanges shall be examined for surface defects by MP/PT testing after matching as per applicable material specification code & standard.

5. All external / internal attachments, pads/cleats for support directly welded to the equipment shall be of same materials as that of equipment, unless specified otherwise.

6. All nozzles up to 250 NB size sch. 80 shall be made of seamless pipe, from 300 NB size to 500 NB size the ERW sch. 80 pipe shall be used . For sizes above 500 NB nozzle connection shall be rolled from plates with full radiography of plates.

7. The plate maximum carbon content for the carbon steel plate used in tank fabrication shall be less than 0.23%

8. Steel plates for tanks shall conform to IS 2062 Gr. E250 B0/C. Man hole neck rings, bolting flanges and cover plates shall be fabricated from MS plates conforming to IS 2062 Gr. E250 B0/C.

9. All slip on and blind flanges shall be fabricated from SA 105 material. Further they shall conform to ASA class 150 with holes drilled as per ANSI B 16.5.